



Dextran

Cat. No. HBB-012

Lot. No. (See product label)

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| Application | Plasma Volume Expander, Drug Delivery, Anti-thrombotic Agent |
| Description | Dextran is a complex, branched glucan (polysaccharide made of many glucose molecules) synthesized from sucrose by certain bacteria. It is highly biocompatible, water-soluble, and can be chemically modified to introduce crosslinkable groups, allowing for the formation of hydrogels with tunable properties. |
| Application Areas | Dextran-based hydrogels are utilized in drug delivery systems for proteins and peptides, as tissue engineering scaffolds, particularly for vascular applications, as surgical sealants, and in ophthalmic applications due to their high water content and biocompatibility. |
| Purity | ≥ 90% |
| Mw | 100-200 kDa |
| CAS | 9004-54-0 |
| Storage | 25°C |
| Package Size | 5g/vial |

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

www.matexcel.com/hydrogel

Address: SUITE 210, 17 Ramsey Road, Shirley, NY 11967

Email: info@matexcel.com Tel: 1-631-869-4956 Fax: 1-631-910-2166